Lab 1

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1 What are the advantages and disadvantages of using the same system call interface for manipulating both files and devices?

It would allows for more code reusability between accessing data from files and devices. Instead the same program can be used to read and write data both to devices and files.

2 Would it be possible for the user to develop a new command interpreter using the system call interface provide by the operating system? How?

Yes, operating systems should provide enough flexibility in the system call interface to implement a command interpreter.